Please type	a plus sign (-	+) → +						
1449/PTO		U.S. Departr	ment of Commerc	e	Application No	0.	: 10/625,	091
		Out To a T			Filing Date : 11/22/2003			
INFORMAT	TION DISCLO	OSURO PALENT AND I	\					
STATEMEN	T BY APPLI	CANT &	1		First Named In		r: Takahiro	Takemoto
Sheet 1 of		2005	w)		Group Art Uni		:	
		SEP 2 % LOS	[]		Examiner Nam	ne	:	
		\a\'.'o	<u>}</u> /		Attorney Dock	et No.	: NECA	20 522
		SEP 2 7 2005	. PATENT I	OCUMEN				
Examiner	Cite No.	U.S. Paten Document	Kind Code		tee or Applicant	Date o		I Bassa Calumna
Initials			if known ²	of Cited Docur		Public Cited	ation of Document DD-YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
			ļ					
		ļ	 	<u></u>				
			 	 				<u> </u>
<u>. </u>			 					
	 							
	L		ODEVON					L
			OREIGN DO					
Examiner Initials	Cite No.	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)	Country	Name of Patent Cited Documer	tee or Applicant of	Pul of Do Mi	te of blication Cited cument M-DD-	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear
P		1998-153761	JP	Sony Corp		06-	09-1998	
- '								
-			·			+-		
					· · · · · · · · · · · · · · · · · · ·			
		•						
						_		
				1				
						j		
		-						
						╁┈		
			TO 1 1 1 = -	L	<u> </u>			L
		Other .	Prior Art-No	on Patent L	<u>iterature D</u>	ocun	nents 🗀	
Examiner Initials	No. iter	lude name of the author (in Cam (book, magazine, journal, se olisher, country, where publish	rial, symposium, catal	itle of the article (wi og, etc.), data, page(hen appropriate), title s), volume-issue num	of the aber(s),	English lar	check her if nguage translation
P		rean Office Action Dated					X (Partia	
							`	·]
			· · · · · · · · · · · · · · · · · · ·				<u></u>	
Examiner Signature	TA	yer		Date Considered	10-15-	-05		

Examiner: Initial If reference considered, whether or not citation is in conformance with MPEP 609. Draw a line through clustion if not in conformance and not considered. Include copy of this form with next communication to applicant. Unique citation designation number. The statement of the period document. Plant of Office that Issued the document by the revolution code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must procede the serial quamber of the period document. "Nim of of common by the appropriate symbols as indicated on document under WIPO Standard ST.1 if possible. "Applicant is to place as check may be ref. (English language Translation is standed Burden though the period of the period of the period of the individual case. Any comments on the amount of time you are required to complete this firm should be sent to the Chief form should be

	a plus sign (-				U.S. DEPARTM	ENT OF COMM	ERCE	
						Application No. : 10/625,091		
W. 170 P.			rademark Office	4	Filing Date	: July 22, 1	2003	
		DISCLOSURE	/0	3]	First Named I	nventor: T. TAKE	МОТО	
	<u>MENT B'</u>	Y APPLICANT	(NOV 1 8 2	100 Kg	Group Art Un			
Sheet 1	<u>of 1</u>		/ MON 1 2 2	81	Examiner Nan			
				\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\		cet No. : NECA 2	0.522	
		U.S	. PARENTAL	CUME				
Examiner Initials	Cite No.	U.S. Patent Document	Kind Code if known ²	Name of Paten of Cited Docum	tee or Applicant	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear	
	l	1	ODEICNIDA	CHINATE NO		<u> </u>		
Examiner	Cite No.		OREIGN DO			L David		
Examiner Initials	Cité No.	Foreign Patent Document Office ³ Number ⁴ Kind Code ³ (if known)	Country	of Cited Docui	tee or Applicant ment	Date of Publication of Cited Document MM-DD-YY/Y	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear	
P		2001-215469	JP	NEC CORP		08-10-2001		
	<u> </u>	03-235989	JP	Toshiba Corp).	10-21-1991		
V		04-088770	JP	SHARP CORP		03-23-1992		
					·			
Other P	rior Art-N	Non Patent Litera	iture Docum	ents				

Examiner Initials	Cite No.	Include name of the author (in CAPIT, appropriate), title of the item (book, m data, page(s), volume-issue number(s)	Applicant check her if English language translation attached		
P		Japanese Office Action Dated Septem			
Examiner Signature	Ī	Types	Date Considered	10-15-05	

Examinor: initial if reference considered, whether or one citation is in conformance with MPEP 609. Draw a line through citation if not in conformance and not considered, include copy of this farm with next communication to applicant "Unique citation designation contained analysis of the part of the part

Pless type a plus sign (+) -> +

1499/PTO

INFORMATION DIS

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

U.S. Department of Commerce Patent and Trademark Office

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Sheet 1 of 1

Application No. : 10/625,091

Filing Date : July 22, 2003

First Named Inventor: T. TAKEMOTO

Group Art Unit : 2674

Examiner Name : R.A. HJERPE

Attorney Docket No.: NECA 20.522

	U.S. PATENT DOCUMENTS							
Examiner Initials	Cite No. ¹	U.S. Patent Document	Kind Code if known ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YYYY	Pages, Columns Lines Where Relevant Passages or Relevant Figures Appear		
						<u> </u>		

Examiner Initials	Cite No.	Foreign Patent Document Office ³ Number ⁴ Kind Code ⁵ (if known)	Country	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD- YY/Y	Pages, Columns Lines When Relevant Passages or Relevant Figures Appear
TP		2001-249643	JP	ADVANCED DISPLAY INC	09/14/2001	
V		2002-049361	JP	MATSUSHITA ELECTRIC IND CO LTD	02/15/2002	

Other Prior Art-Non Patent Literature Documents

Examiner Cite Include name of the author (in CAPITAL LETTERS), title of the item (book, magazine, journal, serial, symp volume-issue number(s), publisher, country, where pul				ymposium, catalog, etc.), data, page(s),		
Examiner Signature	π	myll	Date Considered	10-12-05		

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw a tine through citation if not in conformance and not considered. Include copy of this form with next communication to

*Unique citation designation number. *See attached Kinds of U.S. Patent Documents. *Enter Office that Issued the document; by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents, the indication of the year of the reggs of the Emperor must procede the sorial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.1* if possible. *Applicant is to place a check mark here if English Imgrage Translation is attached.

Burdon Hour Statement: This form is estimated to take .2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Officer, Washington, DC 20231. Under the Paperwerk Reduction Act of 1995, no persons are required to respond to a collection of Information unless it displays a valid OMB control number. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patenta, Washington, DC 20231,